

### **Amendments to the Claims:**

This listing of claims replaces all prior listings, and versions, of claims in the application.

### **Listing of Claims:**

1. (Currently amended) ~~Apparatus for a~~ A mobile node part of a radio communication system having a network part and ~~[[a]] the~~ mobile node part, the network part having a network-copy of a database containing data and the mobile node part having a mobile-copy of the database containing data, the data of the network-copy and the mobile-copy of the first database, respectively, correspond to each other when the network-copy and the mobile-copy of the first database are in match with one another, said ~~apparatus for altering the data of at least one of the network-copy and the mobile-copy of the database to place the network-copy and the mobile-copy in match with each other, said apparatus~~ mobile node comprising:

processing circuitry (circuitry) coupled to said mobile-copy database, said circuitry configured to:

i) ~~a hash-generator apparatus configured to~~ generate first and second hashes, which are computed ~~by the hash-generator~~ using first and second different types of hash techniques respectively, the first hash being formed over at least a first part of the mobile-copy database using the first technique to determine whether the first part of the mobile-copy database is out of match with a corresponding first part of the network-copy database, the second hash being formed by the ~~hash-generator~~ circuitry over a sub-part of the first part of the mobile copy database using the second technique upon a determination that the first part of the mobile-copy database and the first part of the network-copy database are out of match; and

~~ii) a content retriever apparatus configured to~~ retrieve data from the mobile-copy of the database upon determination that the sub part of the at least a first part of the network-copy and the mobile-copy are out of match, the data retrieved by said circuitry from the mobile-copy database ~~content retriever for communication being communicated to the network part, to be used to match the network-copy and the mobile-copy to each other;~~

wherein the radio communication system provides bi-directional data communications services to said mobile node part, and

wherein data is communicated from the mobile node part to the network part by an up-link and, data is communicated from the network part to the mobile node part by a down-link.

2. (Currently amended) The apparatus of claim 1 wherein said ~~hash generator~~ circuitry generates the first hash responsive to an external triggering event, occurrence of which is detectable at the mobile node part.

3. (Cancelled)

4. (Currently amended) The apparatus of claim 2 wherein said ~~hash generator~~ circuitry generates first-type hashes using said first technique upon detection of an external triggering event, occurrence of which is detectable at the mobile node part and wherein said ~~hash generator~~ circuitry generates second-type hashes using said second technique responsive to determination of mismatch of the first-type hashes, generated by said ~~hash generator~~ circuitry.

5. (Currently amended) The apparatus of claim 4 wherein the data maintained at the network-copy and the mobile-copy of the at least the first database is comprised of data records, each data record formed of fields including at least a first key field and at least a first record field, and wherein the second-type hashes generated by said ~~hash generator~~ circuitry are formed of values of the at least the first key field.

6. (Original) The apparatus of claim 5 wherein the determination that the network-copy and the mobile-copy are out of match is made responsive to values of the second-type hashes formed of the values of the at least the key field.

7. (Currently amended) The apparatus of claim 5 wherein the data retrieved by said ~~content retriever~~ circuitry comprises both the at least the first key field and the at least the first record field.

8. (Currently amended) The apparatus of claim 1 wherein the circuitry is additionally configured to: further comprising:

iii) ~~a determiner adapted to~~ receive values of hashes generated by a network part ~~hash generator, and said determiner for determining~~ determine whether the values of hashes formed at the network part, correspond with locally-generated values at the mobile node part; and

iv) ~~a requestor coupled to said determiner to~~ receive indications of database mismatches, determinations made thereat, said requestor said circuitry thereafter requesting additional information associated with the mobile-copy of the at least the first database.

9. (Currently amended) The apparatus of claim 8 wherein hashes generated by said network part ~~hash-generator~~ circuitry include said first hash-type and said second hash-type.

10. (Currently amended) The apparatus of claim 8 wherein the additional information requested by said [[requestor]] circuitry comprises a request for the mobile node part to deliver hash information of the second hash-type to [[the]] a comparator.

11. (Currently amended) The apparatus of claim 8 wherein the data maintained at the network-copy and the mobile-copy of the at least the first database is comprised of data records and wherein the additional information requested by said [[requestor]] circuitry comprises a request for the mobile node part to deliver values of at least portions of the data records.

12. (Currently amended) The apparatus of claim 11 further comprising a ~~comparator~~ circuitry adapted to receive the values of the at least the portions of the data records responsive ~~to the request therefor to the mobile node, said comparator for~~ comparing a comparison of the values with corresponding values of the network-copy of the at least the first database.

13. (Currently amended) The apparatus of claim 12 further comprising [[a]] database value updater circuitry, ~~coupled to said comparator, said database value updater~~ operable responsive to comparisons made by said comparator configured to alter at least one data record of a selected one of the mobile-copy and the network-copy of the at least the first database.

14. (Currently amended) The apparatus of claim 13 wherein said database value updater circuitry operates pursuant to a selected conflict resolution protocol.

15. (Currently amended) A method of communicating in a radio communication system having a network part that maintains at least a network-copy of a database containing data and a mobile node that maintains a mobile-copy of the database containing data, the data of the network-copy and the mobile-copy of the first database, respectively, correspond when the network-copy and the mobile-copy of the first database are in match with one another, said method for altering the data of at least one of the network-copy and the mobile-copy of the at least the database to place the network-copy and the mobile-copy in match with each other, said method comprising:

generating a first hash value in the mobile node from the mobile-copy of the [[data base]] database when the network-copy and the mobile copy are suspected of being out of synchronization with each other, said first hash value being formed using a first hash technique;

sending the first hash value from the mobile node to the network part, the first hash value being representative of the mobile-copy of the database;

receiving, at the mobile node, indication of results of a comparison at the network part, of the first hash value sent during said operation of sending, to a corresponding network-copy of the first hash value; and

if said indication of results of the comparison of the first hash value generated at the mobile node to a corresponding network-copy of the first hash value indicates that the mobile-copy database and the network copy database are out of match, thereafter generating a second hash value in the mobile node from a portion of the mobile-copy of the database, the second hash value being formed using a second hash technique that is different from the first technique; and

sending the second hash value from the mobile node to the network part for comparison to a corresponding network-copy of the second hash value;

wherein the radio communication system provides bi-directional data communications services to said mobile node, and

wherein data is communicated from the mobile node to the network part by an up-link and, data is communicated from the network part to the mobile node by a down-link.

16. (Cancelled)

17. (Cancelled)

18. (Previously presented) The method of claim 15 further comprising the operations of delivering portions of the mobile-copy database to the network part, comparing the portions of the mobile copy delivered during said operation of delivering with corresponding portions of the network-copy of the at least the first database, and causing overwriting of the portions of a selected one of the network-copy and the mobile-copy responsive to comparisons made during said operation of comparing the portions of the mobile-copy.

19. (Previously Presented) The method of claim 18 wherein the selected one of the network-copy and the mobile-copy of which the portions thereof are caused to be overwritten is selected according to a conflict resolution scheme.

20. (Previously Presented) The method of claim 19 further comprising the operation of creating a change-history by indicating overwriting of the portions selectively caused during said operation of selectively causing.